

## CLAIMS:

1. A method of calibrating a first microphone and a second microphone, comprising

- an acquisition step in which a first input audio signal is acquired by means of the first microphone and a second input audio signal is acquired by means of the second microphone;

- a calibration step in which a first sensitivity of the first microphone and a second sensitivity of the second microphone is determined, characterized in that in the calibration step an algorithm is applied which enables determination of the sensitivities, in the absence of a loudspeaker for generating the input audio signals.

2. A method as claimed in claim 1, characterized in that the first and the second input audio signal are processed by an adaptive beamforming filter, and the sensitivities are determined by performing a calculation with weights of the adaptive beamforming filter.

3. A method of calibrating a first and a second microphone as claimed in claim 2, characterized in that the algorithm comprises calculating

$\sqrt{\frac{1}{L} \sum_{k=0}^{L-1} |W^0(\Omega_k)|^2}$ , in which  $W^0$  is the discrete Fourier transform of the weights of the

beamforming filter after adaptation, and the sum ranges over a predetermined number L of frequencies  $\Omega_k$ .

4. An apparatus comprising a first microphone and a second microphone for acquiring a first and a second input audio signal respectively, and a processor for determining a first sensitivity of the first microphone and a second sensitivity of the second microphone, characterized in that the processor is able to determine the sensitivities, in the absence of a loudspeaker for generating the input audio signals.

5. A computer program for execution by a processor, describing a method of calibrating a first microphone and a second microphone, which method comprises

- an acquisition step in which a first input audio signal is acquired by means of the first microphone and a second input audio signal is acquired by means of the second microphone;

- a calibration step in which a first sensitivity of the first microphone and a second sensitivity of the second microphone is determined, characterized in that in the calibration step an algorithm is applied which enables determination of the sensitivities, in the absence of a loudspeaker for generating the input audio signals.

6. A data carrier storing a computer program for execution by a processor, describing a method of calibrating a first microphone and a second microphone, which method comprises

- an acquisition step in which a first input audio signal is acquired by means of the first microphone and a second input audio signal is acquired by means of the second microphone;

- a calibration step in which a first sensitivity of the first microphone and a second sensitivity of the second microphone is determined,

characterized in that in the calibration step an algorithm is applied which enables determination of the sensitivities, in the absence of a loudspeaker for generating the input audio signals.